



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 98 30 8766

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	US 5 477 097 A (MATSUMOTO HIROFUMI) 19 December 1995 (1995-12-19) ---		H02N1/00
A,D	US 5 534 740 A (HIGUCHI TOSHIRO ET AL) 9 July 1996 (1996-07-09) -----		
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			H02N
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 15 February 2000	Examiner Ramos, H
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

EPO FORM 1503 (3.82) (P4/C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 98 30 8766

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

15-02-2000

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5477097 A	19-12-1995	JP 2700991 B	21-01-1998
		JP 7123742 A	12-05-1995
US 5534740 A	09-07-1996	JP 6022562 A	28-01-1994
		DE 69218351 D	24-04-1997
		DE 69218351 T	26-06-1997
		EP 0546186 A	16-06-1993
		WO 9222125 A	10-12-1992

EPO FORM P0469

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82